

TDMS No. 20201-04
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: MICE/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
TEF TRANSGENICS (PCB 126 / PECDF MIXTURE)
CAS Number: TEFTGMIXTURE

Date Report Reqsted: 06/14/2006
Time Report Reqsted: 16:00:21
First Dose M/F: NA / 04/21/03
Lab: BAT

C Number: C20201D
Lock Date: 07/24/2004
Cage Range: 1 - 9999
Date Range: 1-JAN-1940 to 17-SEP-2040
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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FEMALE MICE
FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 NG/KG

TOTAL	20	UNCENSORED DEATHS	3	CENSORED DEATHS	0	TERMINAL	17
UNCENSORED DEATHS							
	74	81	165				
CENSORED DEATHS							
	None						

DOSE = 36/180 NG/KG

TOTAL	20	UNCENSORED DEATHS	7	CENSORED DEATHS	0	TERMINAL	13
UNCENSORED DEATHS							
	74	118	125	148	156	166	172
CENSORED DEATHS							
	None						

DOSE = 121/605 NG/KG

TOTAL	20	UNCENSORED DEATHS	3	CENSORED DEATHS	0	TERMINAL	17
UNCENSORED DEATHS							
	141	148	165				
CENSORED DEATHS							
	None						

DOSE = 360/1800NG/KG

TOTAL	20	UNCENSORED DEATHS	2	CENSORED DEATHS	0	TERMINAL	18
UNCENSORED DEATHS							
	148	167					

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FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

CENSORED DEATHS
None

DOSE = 760/3800NG/KG

TOTAL	20	UNCENSORED DEATHS	6	CENSORED DEATHS	0	TERMINAL	14
UNCENSORED DEATHS							
121	127	134	155	156	172		
CENSORED DEATHS							
None							

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	183(A)
0 NG/KG	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0	85.0
36/180 NG/KG	100.0	100.0	100.0	100.0	95.0	95.0	85.0	85.0	75.0	65.0
121/605 NG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	90.0	85.0
360/1800NG/KG	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	90.0
760/3800NG/KG	100.0	100.0	100.0	100.0	100.0	100.0	90.0	85.0	75.0	70.0

(A) FIRST TERMINAL SACRIFICE
(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".
(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE
(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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FIRST TERMINAL SACRIFICE AT 183 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0 NG/KG	36/180 NG/KG	121/605 NG/KG	360/1800NG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	85.0%	65.0%	85.0%	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.784	P=0.293	P=1.000N	P=0.943N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	106.7 (29.2)	137.0 (12.9)	151.3 (7.1)	157.5 (9.5)
MEAN LIFE SPAN (D) (STANDARD ERROR)	171.6 (7.3)	166.9 (6.6)	178.3 (2.7)	180.5 (1.9)

SURVIVAL SUMMARY STATISTICS	
DOSE	760/3800NG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	70.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.476
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	144.2 (8.1)
MEAN LIFE SPAN (D)	171.4

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(STANDARD ERROR) (4.7)

*** END OF REPORT ***

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